



WETLAND CREATION CONSTRUCTION NOTES:

1. THE WETLAND CREATION SITE SHALL HAVE A 6-8" LAYER OF CLEAN WETLAND SOIL LAY CONSISTING OF AN EQUAL VOLUME OF ORGANIC AND MINERAL MATERIALS OVER A 12" LAYER OF CLEAN SOIL. WETLAND DECOMPOSED CLEAN LEAF COMPOST IS THE PREFERRED SOIL AMENDMENT TO ACHIEVE THESE STANDARDS. WETLAND SOILS SHALL HAVE A MINIMUM OF 7 TO 21 PERCENT ORGANIC MATTER ON A DRY WEIGHT BASIS. "CLEAN" REFERS TO BEING WEED FREE, CONTAINING A NEGLECTIBLE AMOUNT OF INERT MATERIAL, AND NOT BEING CONTAMINATED BY PESTICIDES OR OTHER HAZARDOUS SUBSTANCES. HAZARD TO PLANTS OR ANIMALS. ON-SITE STOCKPILED TOPSOIL MAY BE USED IN WETLAND SOIL MIX IF SUITABLE. A COMMERCIAL PEAT IS NOT SUITABLE AS A SOIL AMENDMENT WITHOUT THE PRIOR APPROVAL OF THE WETLAND SCIENTIST SINCE ITS HARVESTING METHODS ARE GENERALLY DESTRUCTIVE TO WETLANDS.
2. AT WETLAND CREATION AREA, REMOVE EXISTING ASPHALT PAVEMENT AND ASSOCIATED BASE COURSE. AVOID SOIL COMPACTION BY HEAVY MACHINERY IN THE WETLAND CREATION AND BUFFER AREAS SINCE THIS MAY ADVERSELY AFFECT DRAINAGE OR SOME OTHER MECHANISM TO LOSSER THE SOIL SURFACE PRIOR TO PLANTING.
3. WETLAND CREATION AREAS SHALL BE GRADED IN A MANNER THAT HAS A UNDULATING TOPOGRAPHY WITH NUMEROUS 2-4" DEEP RANDOMLY PLACED MICRO DEPRESSIONS SUCH AS THE DEPRESSIONS THROUGHOUT THE WETLAND CREATION AREA. WETLAND CREATION AREAS SHALL NOT BE GRADED SMOOTH UNLESS SPECIFIED BY THE PROJECT LANDSCAPE ARCHITECT.
4. ADD COARSE WOODY DEBRIS, SUCH AS LOGS, STUMPS, SMALLER BRANCHES, AND STANDING SNAGS (BUT NOT WOOD CHIPS OR MULCH MADE FROM WOOD), OVER THE CREATED WETLAND AREAS. COARSE WOODY DEBRIS SHALL BE IN WAREDS OF 12-18" DIAMETER. POSITION AND SKIDAGED FROM NATURAL AREAS CLEARED FOR THE OTHER ELEMENTS OF THE PROJECT WHERE FEASIBLE.
5. PLANT WETLAND CREATION AREA PER LP.1.

WETLAND CREATION CONSTRUCTION SEQUENCE

1. STATE LIMITS OF WETLAND MITIGATION.
2. PRIOR TO START OF WETLAND MITIGATION WORK, REVIEW SCOPE OF WETLAND CREATION PROJECT AT SITE WITH CONTRACTOR, LOCAL REGULATORY STAFF, AND THE PROJECT PROFESSIONAL WETLAND SCIENTIST / LANDSCAPE ARCHITECT.
3. INSTALL EROSION CONTROLS PER PLAN (BY OTHERS).
4. REMOVE ASPHALT PAVEMENT (AND BASE COURSE).
5. REVIEW WETLAND CREATION AREA GRADES IN FIELD WITH PROFESSIONAL WETLAND SCIENTIST / LANDSCAPE ARCHITECT AND MAKE ADJUSTMENTS AS NEEDED TO ESTABLISH PROPER HYDROLOGY.
6. BACKFILL TO GRADES SHOWN ON PLAN WITH WETLAND SOIL MIX (SEE WETLAND CREATION NOTES FOR ADDITIONAL INFORMATION). STOCKPILED TOPSOIL MAY BE USED IN WETLAND SOIL MIX IF SUITABLE.
7. PLANT WETLAND CREATION WOODY PLANT MATERIAL SPECIED ON THE SITE PLANS.
8. SEED WETLAND CREATION AND UPLAND AREAS AS SPECIED ON THE SITE PLANS.
9. REMOVE EROSION CONTROLS WHEN SITE SOILS ARE STABLE.
10. SITE CLEAN-UP.

WETLAND CREATION MANAGEMENT NOTES:

1. DO NOT FERTILIZE MITIGATION AREAS UNLESS DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT.
2. MOW WETLAND MITIGATION SEEDBED AREAS MONTHLY TO 4-6" HEIGHT DURING THE FIRST GROWING SEASON AFTER SEEDING TO CONTROL WEED PLANTS.
3. DURING THE FIRST GROWING SEASON, WATER PLANTINGS AS NEEDED UNTIL THEY BECOME ESTABLISHED.
4. DURING THE FIRST TWO GROWING SEASONS AFTER THE INITIAL SEEDING OF THE WETLAND CREATION AREA, RESEEDING BARE AND THINLY ESTABLISHED AREAS WITH THE SPECIFIED SEED MIX ONCE.
5. ROUTINE YEARLY MAINTENANCE:
 - A. REMOVAL OF LITTER, AND DEAD, DISEASED, OR UNHEALTHY PLANT WHICH ARE A SAFETY HAZARD
 - B. REMOVAL OF INVASIVE NONNATIVE PLANT SPECIES CAN BE DONE BY HAND PULLING, CUTTING, OR SPOT HERBICIDE APPLICATION. NONNATIVE PLANT SPECIES THAT ARE NOT REMOVED BY HAND SHALL BE TREATED WITH HERBICIDE. PLANTS SHALL BE LEFT SOIL FREE ON AN IMPERVIOUS BARRIER (SUCH AS BLACK PLASTIC, DRIVEWAYS AND WALLS) UNTIL DEAD SO THAT THEY DO NOT RE-SPROUT. DO NOT REMOVE PULLED OR CUT NONNATIVE INVASIVE PLANTS FROM THE SITE UNTIL DEAD.
6. WETLAND CREATION WILL BE MONITORED BY THE PROJECT PROFESSIONAL WETLAND SCIENTIST TWICE A YEAR (SPRING AND FALL) FOR A THREE YEAR PERIOD POST CONSTRUCTION. IF POSSIBLE, THE LANDSCAPE MAINTENANCE COMPANY WILL ATTEND TO THE MONITORING. MONITORING REPORTS WILL BE SUBMITTED TO THE NORMAL WETLANDS COMMISSION FOR EACH MONITORING VISIT.

WETLAND CREATION GOALS:

1. THE INTEND OF THE NEW WETLAND AREA IS TO COMPENSATE FOR THE WETLAND FUNCTIONS THAT WILL BE REDUCED BY THE WETLAND ROAD CROSSING. THESE PRIMARY FUNCTIONS INCLUDE SEDIMENT TRAPPING, NUTRIENT REMOVAL, AND WILDLIFE HABITAT. SECONDARY FUNCTIONS INCLUDE FLOOD MITIGATION AND AESTHETIC FUNCTION PROVIDED BY THE NEW WETLAND CREATION AREA FOR THE RESIDENCES OF THE ADJACENT NEW DWELLINGS.
2. WETLAND CREATION AREAS WILL BE THE FOLLOWING:
 - A. AT LEAST 50% OF THE WETLAND CREATION AREA WILL BE VEGETATED WITH WETLAND TYPES SPECIES (OBULGATE, FACULTATIVE WETLAND AND FACULTATIVE AS LISTED BY THE ACOE).
 - B. THE WETLAND CREATION AREA IS VEGETATED WITH LESS THAN 15 % NONNATIVE AND INVASIVE WOODY PLANT SPECIES.

REVISIONS		DRAWING TITLE	
		WETLAND CREATION PLAN	
		PROJECT	
		THE COTTAGES AT PEPPER RIDGE	
		40 FULLIN ROAD	
		NORWALK, CONNECTICUT	
		SCALE:	DATE:
		5.25.21	
		SCALE:	AS SHOWN
		DRAWING NO.:	LP.2

ENVIRONMENTAL PLANNING

ELSP

LANDSCAPE ARCHITECTURE

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Seal of the State of Connecticut

Seal of the Professional Land Surveyor